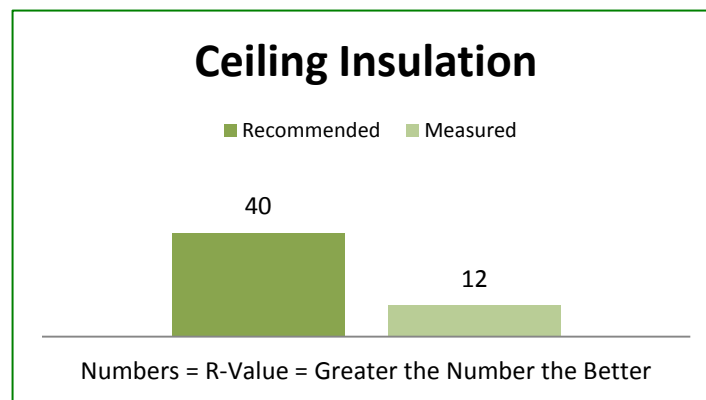


7 CEILING INSULATION

The primary purpose of a building's thermal insulation is to control heat transfer and protect a building from excessive heat loss during cold seasons and heat gain during hot seasons. This control can effectively reduce the amount of energy required by a building's heating or cooling equipment to maintain conditions for the occupants' comfort.

	Data	Status
Insulation Type		Blown Fiberglass
Baffles Present		No
Attic Flat Ins SF	1200	N/A

	Data	Status
Existing R-Value	12	Needs Attention
Recommend R-Val	40	
Vault Blow Ins SF		
Vault Pack Ins SF		



7.0 Insulation Level

The level of attic insulation is low. Recommend adding additional blown fiberglass insulation. Highly recommend air sealing the entire attic area prior to blowing additional insulation. Increase insulation to achieve a minimum of R-40.



7.1 Attic Flooring

Some attic flooring will either need to be removed prior to blowing insulation or densepacked underneath.

7.3 Eave & Soffit Baffles & Dams

Further investigation is needed to ensure baffles are installed to keep air from soffit vents "wind washing" the attic insulation reducing its insulation value and blowing it away from the edge of insulation. Baffles to be installed with outside edge even to the outside edge of the wood wall below.

7.6 Dropped Soffits

Air sealers and insulators should pay special attention to the dropped ceiling areas at perimeter of home. Recommend filling entire area with insulation.